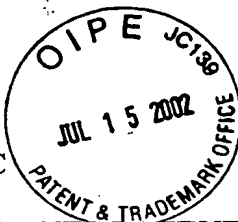


DOCKET NO.: 0039-7444-0TTC



"RESPONSE UNDER 37 CFR 1.116-
EXPEDITED PROCEDURE EXAMINING
GROUP 1745"

#2/cnk
7.25.22

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

Masahiro SAITOU, et al.

: GROUP ART UNIT: 1745

SERIAL NO.: 09/448,144

:

FILED: November 24, 1999

: EXAMINER: J. MERCADO

FOR: SEPARATOR OF PROTON EXCHANGE FUEL CELL AND ITS
MANUFACTURING METHOD

OK to Enter

Do Not Enter

AMENDMENT AND REQUEST FOR RECONSIDERATION

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Office Action dated April 15, 2002, please reconsider the
application in view of the following amendment and remarks.

IN THE CLAIMS

Please amend the Claims as follows.

RECEIVED
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TC 1700

1. (Three Times Amended) A proton exchange fuel cell, comprising:

a separator which comprises

a separator substrate; and

a multi-coating layer formed on said separator substrate;

wherein said multi-coating layer comprises at least two layers selected from the group
consisting of a low electric resistance layer, a corrosion resistance layer and a peeling
resistance layer;

wherein a material of said low electric resistance layer has an electric resistance of
equal to or lower than 1000 $\mu\Omega\text{cm}^2$.

{ R of C material used for
substrate